BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

SCHEDULE-B

ame of Work: Improvements to Main road & cross roads at Abbigere, Karekallu area, in Ward no. 12, in Shettyhalli Sub-Division

l. o	Description of work	Unit	Qty	Sanctioned Approved Rates	
				In Figures	In Words (Rs.)
l	2	3	4	5	6
1	Removing B.S. slab of Drain and stacking.Complete as per specification and direction of Engineer-in-charge of the work.		784.08	50.11	Rupees Fifty and Eleven Paise Only
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	174.24	65.88	Rupees Sixty Five and Eighty Eight Paise Only
3	Refixing stone slabs of drains and pointing in C.M Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	784.08	70.04	Rupees Seventy and Four Paise Only
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete as per specification and direction of Engineer-in-charge of the work.		207.12	343.44	Rupees Three Hundred Forty Three and Forty Four Paise Only
5	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	384.00	924.48	Rupees Nine Hundred Twenty Four and Forty Eight Paise Only
6	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) withblocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	384.00	663.12	Rupees Six Hundred Sixty Three and Twelve Paise Only

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7	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	1120.00	267.84	Rupees Two Hundred Sixty Seven and Eighty Four Paise Only
8	Supply & fixing precastreinforced concrete covering slab 10cm thick including cost of all materials as per design and drawing , material cost,transportation,hire charges of machinery machine cutting the vertical faace to get plain even surface etc., complete with all leads and lift conveyance charges,labour charges,curing Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	864.00	1600.00	Rupees One Thousand Six Hundred Only
9	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes@ 0.43cum; with superplastisiser @3lts confirming to IS9103-1999 affirmed-2008, machine mixed, concrete laid in layers not exceeding15 cms. thick, well compacted, in foundation,plinth and cills, includingcost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	38.40	5323.32	Rupees Five Thousand Three Hundred Twenty Three and Thirty Two Paise Only
10	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	925.00	72.36	Rupees Seventy Two and Thirty Six Paise Only
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed Complete as per specification and direction of Engineer-in-charge of the work.	Cum	231.25	177.12	Rupees One Hundred Seventy Seven and Twelve Paise Only

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2	Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density Complete as per specification and direction of Engineer-in-charge of the work.	Cum	231.25	1121.04	Rupees One Thousand One Hundred Twenty One and Four Paise Only
3	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	925.00	44.28	Rupees Forty Four and Twenty Eight Paise Only
4	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	1914.00	2.59	Rupees Two and Fifty Nine Paise Only
5	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	1914.00	17.93	Rupees Seventeen and Ninety Two Paise Only
6	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Cum	49.63	6733.80	Rupees Six Thousand Seven Hundred Thirty Three and Eighty Paise Only

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17	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired Complete as per specification and direction of Engineer-in-charge of the work.	Cum	57.42	11452.32	Rupees Eleven Thousand Four Hundred Fifty Two and Thirty Two Paise Only
18	Carriage of mixed materials 10kms.Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	338.30	56.16	Rupees Fifty Six and Sixteen Paise Only
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes Complete as per specification and direction of Engineer-in-charge of the work.		80.00	471.96	Rupees Four Hundred Seventy One and Ninety Six Paise Only
20	Conveying- Qty Vide Item no. 2+9		375.00	72.71	Rupees Seventy Two and Seventy One Paise Only

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